

**RESPONSE UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE REQUESTED  
EXAMINING GROUP 3663**

Customer No. 22,852  
Attorney Docket No. 09952.0018-00000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Renato CAPONI et al.	)	Group Art Unit: 3663
	)	
Application No.: 10/568,080	)	Examiner: DIACOU, Ari M.
	)	
Filed: February 13, 2006	)	
	)	
For: MULTI-STAGE OPTICAL	)	Confirmation No.: 7439
AMPLIFIER OPTIMIZED WITH	)	
RESPECT TO NOISE, GAIN AND	)	
BANDWIDTH	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REPLY AFTER FINAL REJECTION**

Pursuant to 37 C.F.R. § 1.116, Applicants submit this Reply in response to the final Office Action mailed September 4, 2008, with the concurrent filing of a Notice of Appeal, petition for a two-month extension of time, and requisite fees. Applicants respectfully traverse all pending rejections and request reconsideration of the application, as presently amended.

**Amendments to the Claims** are reflected in the listing of claims in this paper.

**Remarks** follow the amendment sections of this paper.